FORM 1449° SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	Decket Number: 10873.0813USD1	Application Number: 10/654,343
IN AN APPLICATION	Applicant: NAKATANI et al.	
(Use several sheets if necessary)	Filing Date: September 3, 2003	Group Art Unit: 3726

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1//	5,497,033 A	3/1996	Fillion et al.				
<i>/</i>	2003/0205192 A1	11/2003	Aiba et al.				
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		FO	REIGN PATENT DOCUM	MENTS	<u> </u>	I	·
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
						YES	NO
	0 853 337 A	7/1998	EPO				
	0 907 205 A2	4/1999	ЕРО				
	0 920 058 A2	6/1999	ЕРО		<u> </u>		
1	2000-277458 A	10/2000	Japan			Abstract	
	OTHER	DOCUMENT	S (Including Author, Title,	Date, Pertinent F	ages, Etc.)		·
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10, 20		L	I.S. PATENT DOCUMEN	ITS			
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO	DATE OPRIATE
	5,866,950	02/02/1999	Iwasaki et al.				
							
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		FOR	EIGN PATENT DOCUM	IENTS			
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
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	7-226455	08/22/1995	JР				
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INFORMATION DISCLOSURE STATEMENT

FORM 1449*

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	RADEMARK	ι	J.S. PATENT DOCU	MENT	'S				
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME		CLASS	SUBC	LASS		
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FORM 1449*	PRMATION DISCLOSURE STATEMENT	Docket Number: 10873.0813USD1	Application Number: 10/654343
	IN AN APPLICATION	Applicant: NAKATANI et al.	
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	JP 2000-260817	Sept. 2000	JAPAN	<u> </u>		Abstract		
_///	JP 2001-057404	Feb. 2001	JAPAN			Abstract		
//	JP 2001-060658	March 2001	JAPAN			Abstract		
	EP 1 154 474	Nov. 2001	EP	<i>X</i>				
	OTHER	DOCUMENTS	(Including Author, Title, I	Date, Pertinent P	ages, Etc.)			

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IN AN APPLICATION	Applicant: NAKATANI et al.	
(Use several sheets if necessary)	Filing Date: filed here within	Group Art Unit: n/a

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING IF APPR	G DATE OPRIAT
	US 6,300,686	Oct. 2001	HIRANO et al.				
	US 6,038,133	March 2000	NAKATANI et al.				
	US 5,484,647	Jan. 1996	NAKATANI et al				
	US 5,969,461	Oct. 1999	Anderson et al.				
	US 6,310,421	Oct. 2001	Morishima				
	US 6,467,139	Oct. 2002	Tanaka				
	·	FOR	EIGN PATENT DOCUME	NTS			
,	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
			\			YES	NO
	JP 11-168112	June 1999	Japan				
	JP 11-220262	Aug. 1999	Japan				
	JP 11-26642	Jan. 1999	Japan				
///	JP 2-31437	Feb. 1990	Japan				
	JP 9-260432	Oct. 1997	Japan				
	JP 2-186662	July 1990	Japan				
	JP, 5-55303	March 1993	Japan		X		
	JP 11-67979	March 1999	Japan	/			
	JP 7-14764	June 1995	Japan	/			
	JP 6-268345	Sept. 1994	Japan				
	EP 0 568 930 A2	Nov. 1993	EPO	7			
	OTHER	DOCUMENTS	(Including Author, Title, Da	te, Pertinent P	ages, Etc.)	7	
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^{*}Substitute Disclosure Statement Form (PTO-1449)